

# Judging Form

## 2003 Argonne Rube Goldberg Machine Contest

School and team name \_\_\_\_\_

### Impressions

- \_\_\_\_\_ (-5 max.) Submit 5 copies of machine description; deduct 1 point for each copy short of five
- \_\_\_\_\_ (20 max.) One point per step for up to 20 steps
- \_\_\_\_\_ (5 max.) 1 bonus point for each 5 extra steps
- \_\_\_\_\_ (10 max.) Creative use of unconventional materials
- \_\_\_\_\_ (10 max.) Use of creative, uniform theme
- \_\_\_\_\_ (10 max.) Team spirit
- \_\_\_\_\_ (10 max.) Use of innovative non-electrically powered steps
- \_\_\_\_\_ **(60 max.) Total**

### Up and running

#### First run

- \_\_\_\_\_ (25 max.) First run to completion
- \_\_\_\_\_ (-15 max.) Points lost to human interventions: 2 for first; 4 for second; 8 for third
- \_\_\_\_\_ Points lost for steps skipped on interventions: 1 for each step skipped

#### Reset

- \_\_\_\_\_ (-5 max) Points lost for touching by more than two team members. Judges or timekeepers will issue a warning; failure to heed warning may result in disqualification.

#### Second run

- \_\_\_\_\_ (25 max.) Second run to completion
- \_\_\_\_\_ (-15 max.) Points lost to human interventions: 2 for first; 4 for second; 8 for third
- \_\_\_\_\_ Points lost for steps skipped on interventions: 1 for each step skipped
- \_\_\_\_\_ (-5 max.) Exceeds 9-minute time constraint. Judges have the right to terminate the run once the nine-minute time limit has been exceeded.

\_\_\_\_\_ **(50 max.) Total**

\_\_\_\_\_ **Grand total (out of 110 points)**